


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> GORDON CREEK NE-5-14-8							
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> WILDCAT							
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>							
<b>6. NAME OF OPERATOR</b> GORDON CREEK, LLC						<b>7. OPERATOR PHONE</b> 403 453-1608							
<b>8. ADDRESS OF OPERATOR</b> 1179 E Main #345, Price, UT, 84501						<b>9. OPERATOR E-MAIL</b> rironside@thunderbirdenergy.com							
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> Sec 31+32 Fee Lease				<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>					
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b> Mark Jacobs						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b> 801-226-3407							
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b> 914 East 300 North, Orem, UT 84097						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>							
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>				<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>					
<b>20. LOCATION OF WELL</b>		<b>FOOTAGES</b>		<b>QTR-QTR</b>		<b>SECTION</b>		<b>TOWNSHIP</b>		<b>RANGE</b>		<b>MERIDIAN</b>	
<b>LOCATION AT SURFACE</b>		204 FNL 2004 FEL		NWNE		5		14.0 S		8.0 E		S	
<b>Top of Uppermost Producing Zone</b>		204 FNL 2004 FEL		NWNE		5		14.0 S		8.0 E		S	
<b>At Total Depth</b>		204 FNL 2004 FEL		NWNE		5		14.0 S		8.0 E		S	
<b>21. COUNTY</b> CARBON				<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 503				<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 40					
				<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 2790				<b>26. PROPOSED DEPTH</b> MD: 4087 TVD: 4087					
<b>27. ELEVATION - GROUND LEVEL</b> 7355				<b>28. BOND NUMBER</b> RLB0010790				<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 91-5193					
<b>Hole, Casing, and Cement Information</b>													
<b>String</b>	<b>Hole Size</b>	<b>Casing Size</b>	<b>Length</b>	<b>Weight</b>	<b>Grade &amp; Thread</b>	<b>Max Mud Wt.</b>	<b>Cement</b>	<b>Sacks</b>	<b>Yield</b>	<b>Weight</b>			
<b>SURF</b>	11	8.625	0 - 450	24.0	J-55 ST&C	8.7	Class G	212	1.142	15.84			
<b>PROD</b>	7.875	5.5	0 - 4087	17.0	N-80 LT&C	10.0	Class G	355	2.69	10.7			
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
<b>NAME</b> Barry Brumwell				<b>TITLE</b> Vice President-Operations				<b>PHONE</b> 403 453-1608					
<b>SIGNATURE</b>				<b>DATE</b> 09/26/2011				<b>EMAIL</b> bbrumwell@thunderbirdenergy.com					
<b>API NUMBER ASSIGNED</b> 43007502490000				<b>APPROVAL</b>  Permit Manager									

# Range 8 East

S89°04'38"W - 2702.80'

(West)

N89°17'34"W - 2673.25'

ELEV: 7400.0'

204.16'  
NE-5-14-8  
ELEV. 7365.2'  
UTM  
N 4388050  
E 495879

2003.76'

5

(South - 5301.12')  
S00°41'37"W - 5365.53'

(West - 5286.60')

N89°12'33"W - 5290.07'

## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Stone (Found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTES:

1. Dimensions are GPS measured unless noted otherwise.
2. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder and are shown in NAD 27 Datum.

LAT / LONG  
39°38'38.799" N  
111°02'52.902" W

## Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

## Basis of Bearing:

The Basis of Bearing is GPS Measured.

## GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

## Basis of Elevation:

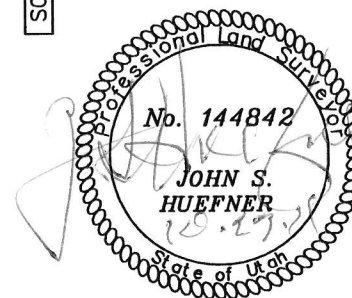
Basis of Elevation of 7400.00' being at the Northwest Section Corner of Section 5, Township 14 South, Range 8 East, Salt Lake Base and Meridian, as shown on the Jump Creek Quadrangle 7.5 minute series map.

## Description of Location:

Proposed Drill Hole located in the NW/4 NE/4 of Section 5, T14S, R8E, S.L.B.&M., being South 204.16' from North Line and West 2003.76' from East Line of Section 5, T14S, R8E, Salt Lake Base and Meridian.

## Surveyor's Certificate:

I, John S. Huefner, a Professional Land Surveyor, holding Certificate No. 144842 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



## GRAPHIC SCALE

0 500' 1000'  
( IN FEET )  
1 inch = 1000ft.



## TALON RESOURCES, INC.

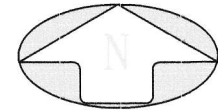
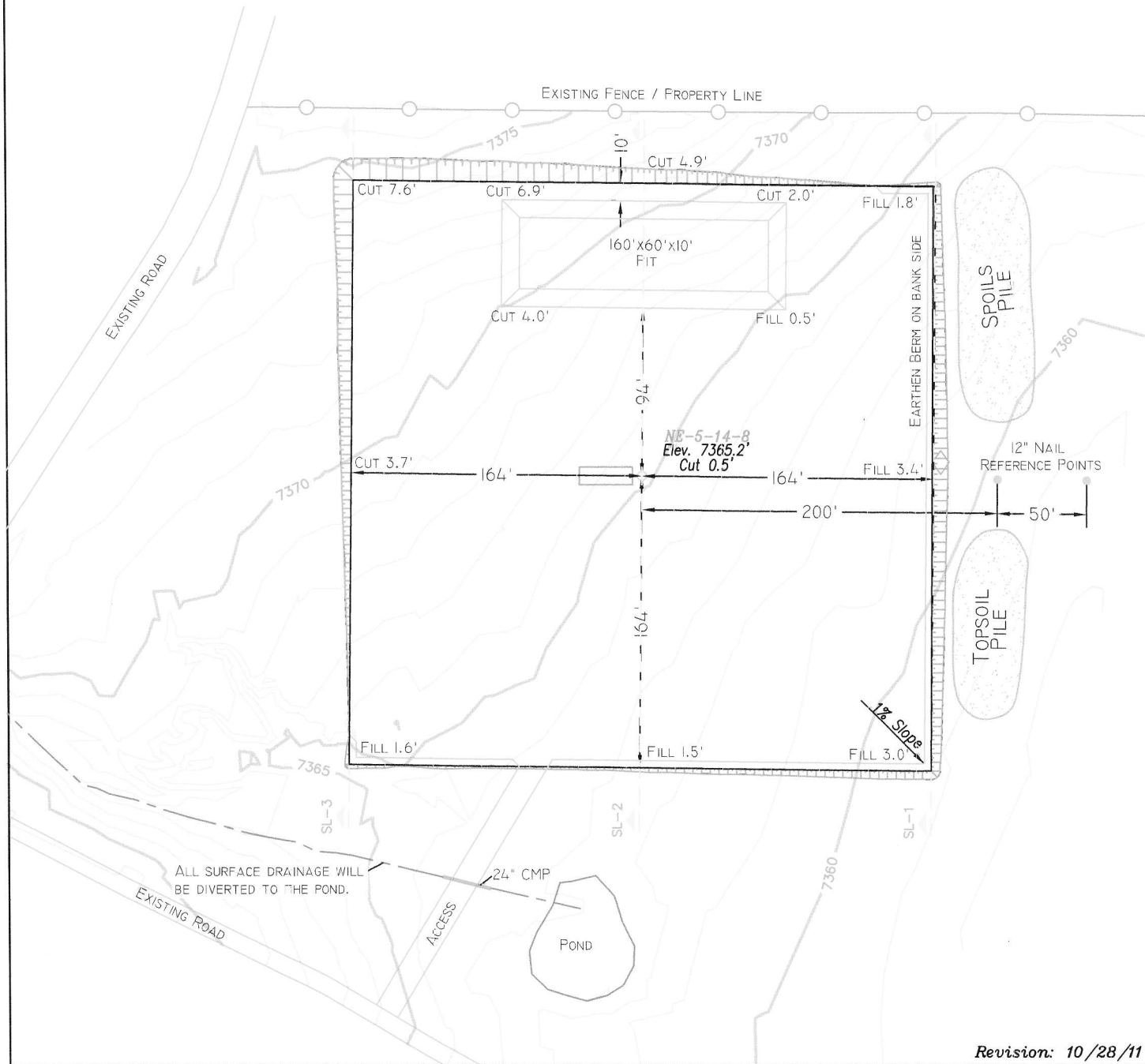
615 North 400 East P.O. Box 1230  
Huntington, Utah 84528  
Phone (435)687-5310 Fax (435)687-5311  
E-Mail talonaeetv.net



NE-5-14-8  
Section 5, T14S, R8E, S.L.B.&M.  
Carbon County, Utah

Drawn By: N. BUTKOVICH	Checked By: A.P.C./J.S.H.
Drawing No. A-1	Date: 10/6/11
	Scale: 1" = 1000'
Sheet 1 of 4	Job No. 4934

ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 7365.2'  
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 7364.7'



**TALON RESOURCES, INC.**

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@etv.net



**LOCATION LAYOUT**  
 Section 5, T14S, R8E, S.L.B.&M.  
 NE-5-14-8

Drawn By: N. BUTKOVICH	Checked By: A.P.C.
Drawing No. A-2	Date: 10/6/11
	Scale: 1" = 80'
Sheet 2 of 4	Job No. 4934

Revision: 10/28/11